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/BW/	1A	6,526,420-B2	Feb. 25, 2003	Boi	rowsky et al.					
/BW/	1B	6,031,984-A	Feb. 29, 2000	Wa	ilser					
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/BW/	2R	in Virtual Data	SVEN GRAUPNER, VADIM KOTOV, HOLGER TRINKS, Resource-Sharing and Service Deployment in Virtual Data Centers, The 22nd International Conference on Distributed Computing Systems Workshops, Vienna Austria, July 2-5, 2002, pp. 666-671, IEEE Computer Society, Los Alamitos, 2002.										
	100	CHRISTODOULOUS A. FLOUDAS, V. VISWESWARAN, Quadratic Optomization, Handbook of Global Optimization, pp. 217-269, Kluwer Academic Publishers, Boston, 1995.											
/BW/	28	Global Optimiza	ation, pp. 217-269	, Kluwe	r Academic Publishe	0.0, 000	1011, 100	5.					

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/BW/	3Q	Proceedings of Innovative App	JOACHIM P. WALSER, Solving Linear Pseudo-Boolean Constraint Problems with Local Search, Proceedings of the Fourteenth National Conference on Artificial Intelligence and the Ninth Innovative Applications of Artificial Intelligence Conference, July 27-31, 1997, Providence, Rhode Island, pp. 269-274, AAAI Press, Menlo Park, 1997.								
/BW/	3R	Satisfiability Pr	roblems, Proceedir	igs of th	AVID MITCHELL, A I e Tenth National Co pp. 440-446, AAAI	onfere	nce on Artificial li	ntelligence			
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